

In the Claims

Please amend claims 88, 91 and 98-100 as follows:

~~88. (Twice Amended)~~

The transgenic plant of claim 73, said plant comprising plant tissue, wherein the plant tissue, when orally administered to the animal, elicits an antigenic response.

~~91. (Amended)~~

The transgenic plant of claim 73 comprising plant tissue, wherein at least some of the plant tissue is edible by animals.

~~98. (Twice Amended)~~

A transgenic plant having plant tissue wherein said plant tissue is expressing a recombinant protein, said protein expressed at a level such that when said plant tissue is orally administered to the animal, an immune response is elicited against an animal viral antigen.

~~99. (Amended)~~

A plant comprising a viral antigen which triggers production of antibodies and which is derived from a hepatitis B virus surface antigen or transmissible gastroenteritis virus spike protein, said antigen being a product produced by the method of: expressing said immunogen in a transgenic plant, said transgenic plant being in a form chosen from the group consisting of a whole plant, plant part, or a crude plant extract.

~~100. (Amended)~~

A plant comprising a protein which triggers production of antibodies to a viral protein, said protein being a product produced by the method of: expressing said protein in a transgenic plant, said transgenic plant being in a form chosen from the group consisting of a whole plant, plant part, or a crude plant extract.